

10-01-01

Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

JC 872 U.S. PTO
8/28/01JC 872 U.S. PTO
09/967056
09/28/01

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 015685.P050First Named Inventor Dogan et al.Title: Training Sequences for Peak to Average Power Constrained Modulation FormatsExpress Mail Label No. EL899343513US

ADDRESS TO: Assistant Commissioner for Patents
 Box Patent Application
 Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. **Specification (Total Pages 35)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawings(s) (35 USC 113) (Total Sheets 3)**
5. **Oath or Declaration (Total Pages 5)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

Docket No. 015685.P050

Express Mail No. EL899343513US

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers (cover sheet & documents(s))**
10. _____ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)

X b. Power of Attorney
11. _____ English Translation Document (if applicable)
12. _____ a. Information Disclosure Statement (IDS)/PTO-1449

b. Copies of IDS Citations
13. _____ **Preliminary Amendment**
14. **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. _____ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Express Mail Certificate

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation _____ Divisional _____ Continuation-in-part (CIP) _____
Of Prior Application No.: _____ Examiner _____ **Group Art Unit** _____

(which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____,
which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____) (List entire chain of priority)

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is
the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an
assignment recorded in the Patent and Trademark Office at Reel No. _____ Frame No. _____
(or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label _____
or _____ (Insert Customer No. or Attach Bar Code Label here)
 Correspondence Address Below

NAME Gordon R. Lindeen III

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (303)740-1980 FAX (303)740-6962

Name (PRINT/TYPE): Gordon R. Lindeen III Registration No.: 33,192

Signature: Gordon R. Lindeen III Date: 9/28/11

FEE TRANSMITTAL FOR FY 2001**TOTAL AMOUNT OF PAYMENT (\$)** \$1440.00**Complete if Known:****Application No.** _____**Filing Date** Concurrently Herewith**First Named Inventor** Dogan et al.**Group Art Unit** Not Yet Assigned**Examiner Name** Not Yet Assigned**Attorney Docket No.** 015685.P050**METHOD OF PAYMENT** (check one)

[X] The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
 Deposit Account Name _____

[X] Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

[] Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed: X Check
 Credit Card Money Order
 Other

EL89934351US
 I mail by carrier to my address _____
 deposited with the United States Postal Service or
 Mail Post Office to Addressee's service on _____
 above and that this paper or fee has been
 Assistant Commissioner for Patents, _____
 _____.

FEE CALCULATION**1. BASIC FILING FEE**

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>
Fee	Fee	
Code	Code	
101	710	Utility application filing fee
106	320	Design application filing fee
107	490	Plant filing fee
108	710	Reissue filing fee
114	150	Provisional application filing fee

September 28, 2001
 Date of Deposit

April Worley
 Name of Person Mailing Correspondence

Signature April Worley Date 9/28/01

Fee Paid710.00**SUBTOTAL (1) \$710.00****2. EXTRA CLAIM FEES**

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims	<u>45</u>	<u>- 20** = 25</u>	X <u>18.00</u> = <u>450.00</u>
Independent Claims	<u>6</u>	<u>- 3** = 3</u>	X <u>80.00</u> = <u>240.00</u>
Multiple Dependent			=

**Or number previously paid, if greater; For Reissues, see below.

Large Entity Small Entity

<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	<u>Fee Description</u>
Code	Code	Code	Code	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 690.00

Docket No. 015685.P050

Express Mail No. EL89934351US

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code (\$)	
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	390	216	195
117	890	217	445
118	1,390	218	695
128	1,890	228	945
119	310	219	155
120	310	220	155
121	270	221	135
138	1,510	138	1,510
140	110	240	55
141	1,240	241	620
142	1,240	242	620
143	440	243	220
144	600	244	300
122	130	122	130
123	130	123	130
126	180	126	180
581	40	581	40
146	710	246	355
149	710	249	355
179	710	279	355
169	900	169	900
Other fee (specify)			
Other fee (specify)			

SUBTOTAL (3) \$40.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Gordon R. Lindeen III

Signature: 

Date: 9/28/11

Reg. Number: 33,192 Telephone Number: 303-740-1980

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor Dogan et al.
 Title Training Sequences for Peak to Average Power Constrained Modulation Formats
 Attorney Docket No. 015685.P050

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

9/28/01
 Date



Signature

Gordon R. Lindeen III
 Typed or Printed Name

33,192
 Registration No.

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months after the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of filing of such foreign or international application.

Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Send to: Assistant Commissioner for Patents, Washington, D.C. 20231

Express Mail Number EL899343513
 I hereby certify that I am causing this paper to be
 transmitted via the United States Postal Service "Ex-
 pressed Mail" or "Priority Mail" service on the date
 above and that this paper or fee has been sent to the
 Assistant Commissioner for Patents, Washington, D.C.
 September 28, 2001.

April Harvey
 Name of Person Mailing Correspondence
9/28/01
 Signature Date

Express Mail No. EL899343513US

Serial/Patent No.: _____ Filing/Issue Date: Concurrently Herewith
 Client: _____
 Title: Training Sequences for Peak-to-Average Power
Constrained Modulation Formats
 BSTZ File No. 018053. POSO Atty/Secty Initials: QEI (mu)
 Date Mailed: Sept. 28, 2001 Docket Due Date: _____
 The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:
 Amendment/Response (____ pgs.) Express Mail No. EL899343513US Check No. 1941
 Appeal Brief (____ pgs.) (triplicate) Month(s) Extension of Time _____ Amt. 1400
 Application - Utility (____ pgs., with cover and abstract) Information Disclosure Statement & PTO-149 (____ pgs.) Check No. 1943
 Application - Rule 1.53(d) Continuation (____ pgs.) Issue Fee Transmittal Amt. 40
 Application - Rule 1.53(6) Divisional (____ pgs.) Notice of Appeal _____
 Application - Rule 1.53(b) CIP (____ pgs.) Petition for Extension of Time _____
 Application - Rule 1.53(d) CPA Transmittal (____ pgs.) Petition for _____
 Application - Design (____ pgs.) Postcard _____
 Application - PCT (____ pgs.) Power of Attorney (____ pgs.) _____
 Application - Provisional (____ pgs.) Preliminary Amendment (____ pgs.) _____
 Assignment and Cover Sheet Reply Brief (____ pgs.) _____
 Certificate of Mailing Response to Notice of Missing Parts _____
 Declaration & POA (____ pgs.) Small Entity Declaration for Indep. Inventor/Small Business _____
 Disclosure Docs & Orig & Copy of Inventor Signed Letter (____ pgs.) Transmittal Letter, in duplicate _____
 Drawings: 3 # of sheets includes 3 figures Fee Transmittal, in duplicate _____
 Other: Request + Certification form, Express mail
Certificate

EL899343513US

"Express Mail" mailing label number: EL899343513US
 Date of Deposit: September 28, 2001
 I hereby certify that I am causing this paper or fee to
 be deposited with the United States Postal Service
 "Express Mail Post Office to Addressee" service on
 the date indicated above and that this paper or fee
 has been addressed to the Commissioner of Patents
 and Trademarks, Washington, D. C. 20231

(Typed or printed name of person mailing paper or fee)
April Morley

(Signature of person mailing paper or fee)
Don C. Morris

(Date signed)
9/28/01